RAISECOM

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Trouble Shooting Commands

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Chapter 1 Trouble Shooting Commands

1.1 show buffer

[Function]

Show the buffer information of the port.

[Command Format]

show buffer *[port <1-26>]*

[Parameter]

port <1-26>: specify the port number (optional).

[Command Modes]

Privileged EXEC; privileged user

[Executing Command Instruction]

If the port number is not specified, show all the port driver pool information.

[Example]

Raisecom(config)# **show buffer** *port 2*

Port 2

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Total mBlks: 500   Free mBlks: 500   DATA: 0

HEADER: 0   SOCKET: 0   PCB: 0

RTABLE: 0   HTABLE: 0   ATABLE: 0

SONAME: 0   ZOMBIE: 0   SOOPTS: 0

FTABLE: 0   RIGHTS: 0   IFADDR: 0

CONTROL: 0   OOBDATA: 0   IPMOPTS: 0

IPMADDR: 0   IFMADDR: 0   MRTABLE: 0

1.2 show diags

[Function]

Show port diagnose information.

[Command Format]

show diags *link-flap*

[Parameter]

link-flap: show UP/DOWN times and their speed(number of UP/DOWN at the last minute).

[Command Modes]

Privileged EXEC; privileged user.

[Example]

Raisecom#**show diags** *1*

Port	Total	Last Min
19	*2*	*0*
21	*2*	*2*

1.3 show memory

[Function]

Show memory information.

[Command Format]

show memory

[Command Mode]

Privileged EXEC; privileged user.

[Example]

Raisecom#**show memory**

FREE LIST:

num	addr	size
1	*0x27db148*	*9120*
2	*0x3483100*	*16904*
3	*0x27ddd50*	*160*
4	*0x916220*	*32017512*
5	*0x3e00000*	*2077144*

SUMMARY:

status	bytes	blocks	avg block	max block
current				

free	*34120840*	*5*	*6824168*	*32017512*	
alloc	*23460160*	*62554*	*375*	*-*	

cumulative

alloc	*23591248*	*64754*	*364*	*-*	

1.4 show process

[Function]

Show the status and stack information of the process.

[Command Format]

show processes

[Command Modes]

Privileged EXEC, privileged user

[Example]

Raisecom#**show processes**

Task Information :

total time elapse is 0(ticks)   0 m 0 ms

Task STATUS: RDY- ready ; SUP- suspended; POS-pend on sem;

         TSD- task delay;DTS-dead task

taskid   task Name   stk(B) prio status   Ecode   Rtime(sws /ticks%)

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taskid	task Name	stk(B)	prio	status	Ecode	Rtime(sws	/ticks%)
3bfe9e0	*tExcTask*	*7744*	*0*	*POS*	*3d0001*	*(0 /*	*0.0%)*
3bfc058	*tLogTask*	*4760*	*0*	*POS*	*0*	*(0 /*	*0.0%)*
348bd78	*tWdbTask*	*7656*	*3*	*POS*	*0*	*(0 /*	*0.0%)*
2c71c38	*tED*	*8024*	*20*	*POS*	*3d0002*	*(0 /*	*0.0%)*
2a055c0	*tSch*	*8056*	*30*	*TSD*	*0*	*(0 /*	*0.0%)*
29e5188	*tRmonTm*	*1896*	*30*	*TSD*	*0*	*(0 /*	*0.0%)*
2a4aa00	*tStpRecv*	*4832*	*35*	*POS*	*0*	*(0 /*	*0.0%)*
34e22d0	*tNetTask*	*9792*	*50*	*POS*	*3d*	*(4 /*	*0.0%)*
2e7d9d8	*tDPC*	*15928*	*50*	*POS*	*0*	*(0 /*	*0.0%)*
2e2a988	*tARL.0*	*15928*	*50*	*POS*	*0*	*(0 /*	*0.0%)*
2da6710	*tLINK.0*	*15912*	*50*		*3d0004*	*(3 /*	*0.0%)*
2db3bd0	*tCOUNTER.0*	*15896*	*50*		*3d0004*	*(3 /*	*0.0%)*
27d9500	*tScrnBg_0*	*13888*	*50*	*RDY*	*30067*	*(28 /*	*0.0%)*
27d1c78	*tScrnBg_1*	*16192*	*50*	*POS*	*0*	*(0 /*	*0.0%)*
27ca4e0	*tScrnBg_2*	*16192*	*50*	*POS*	*0*	*(0 /*	*0.0%)*
27c2d48	*tScrnBg_3*	*16192*	*50*	*POS*	*0*	*(0 /*	*0.0%)*
27bb5b0	*tScrnBg_4*	*16192*	*50*	*POS*	*0*	*(0 /*	*0.0%)*

27b3e18	tScrnBg_5	16192	50	POS	0 (	0 /	0.0%)
2a6ba58	tRndpRecv	7944	51	POS	0 (	0 /	0.0%)
2a632d0	tRtdpRecv	7912	51	POS	0 (	1 /	0.0%)
2907680	tCcomTm	840	55	TSD	0 (	2 /	0.0%)
348df68	tSntpS	4344	56	POS	0 (	0 /	0.0%)
2a7c008	tDhcpS	19464	56		0 (	0 /	0.0%)
2a6f480	tLoopD	3944	60	TSD	0 (	10 /	0.0%)
2906408	tCcom	3848	60	POS	0 (	2 /	0.0%)
2a1e7f0	tRmon	32632	75	TSD	81000c (	15 /	0.0%)
2a11358	tPortStats	3632	75	TSD	0 (	6 /	0.0%)
2a0aeb8	tLinkTrap	8040	75	TSD	0 (	2 /	0.0%)
2a06868	tColdTrap	3944	75	TSD	0 (	1 /	0.0%)
2a23a38	tIgmpTm	2848	100	TSD	0 (	0 /	0.0%)
2a22c20	tIgmpSnoop	3816	100	POS	0 (	0 /	0.0%)
2a21a08	tSnmp	11816	100	POS	0 (	0 /	0.0%)
2a16590	tIpBind	3904	100	TSD	81000c (	1 /	0.0%)
2a08b78	tEndStat	7832	100		3d0004 (	0 /	0.0%)
29e2558	tRmonAlrm	7976	100	POS	0 (	2 /	0.0%)
27aea90	tTelnetdOut0	3336	100	POS	0 (	0 /	0.0%)
27ad878	tTelnetdIn0	3384	100	POS	0 (	0 /	0.0%)
27ac610	tTelnetdOut1	3336	100	POS	0 (	0 /	0.0%)
27ab3f8	tTelnetdIn1	3384	100	POS	0 (	0 /	0.0%)
27aa190	tTelnetdOut2	3336	100	POS	0 (	0 /	0.0%)
27a8f78	tTelnetdIn2	3384	100	POS	0 (	0 /	0.0%)
27a7d10	tTelnetdOut3	3336	100	POS	0 (	0 /	0.0%)
27a6af8	tTelnetdIn3	3384	100	POS	0 (	0 /	0.0%)
27a5890	tTelnetdOut4	3336	100	POS	0 (	0 /	0.0%)
27a4678	tTelnetdIn4	3384	100	POS	0 (	0 /	0.0%)
27a3460	tTelnetd	3640	100	POS	0 (	0 /	0.0%)
3489320	tSyslog	7968	105	POS	0 (	0 /	0.0%)
2daaac8	tx_cb	15912	110	POS	0 (	0 /	0.0%)
348f558	tSntpCLsn	4760	150	TSD	0 (	1 /	0.0%)
2a52d20	tRelay	3880	151	POS	0 (	0 /	0.0%)
2da0958	rx0	15888	200		3d0004 (	29 /	0.0%)
2cc1c98	tArlAging	1896	200	TSD	0 (	0 /	0.0%)
2b38248	tSnmpTm	3856	200	POS	0 (	0 /	0.0%)
2c25d60	tRosInit	5912	250	POS	81000e (	0 /	0.0%)
2a730d0	tStpTm	3808	250	TSD	0 (	6 /	0.0%)

27af260   tIdle   568   251   RDY   0 (281 /   0.0%)

1.5 show tech-support

[Function]

Show technical support information, all the information about trouble shooting.

[Command Format]

show tech-support

[Command Modes]

Privileged EXEC; privileged user.

[Example]

Raisecom#**show tech-support**

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